

	DBs	Time Stamp	Comments	Error Definition
69	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 09:40		
70	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 11:09		
71	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 11:10		
72	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 11:10		

	Type	Hits	Search Text
73	BRS	93	(((substrate near1 (silicon\$1 (lithium near niobate) (lithium near tantalate) quart)) and (microstructure micromechanical microelectronic optoelectronic microcircuit (optical near (device element)))) and 257/431,432,433,434,435.ccls.) not (((((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass) and (package packaging)) not (((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass)))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based

	DBs	Time Stamp	Comments	Error Definition
73	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 11:10		

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	88	((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))	USPAT; US-PGPUB; EPO; JPO; DERWENT
2	BRS	L2	88	((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))	USPAT; US-PGPUB; EPO; JPO; DERWENT
3	BRS	L3	0	2 same (transparent glass)	USPAT; US-PGPUB; EPO; JPO; DERWENT
4	BRS	L4	33	2 and (transparent glass)	USPAT; US-PGPUB; EPO; JPO; DERWENT
5	BRS	L5	120	((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))	USPAT; US-PGPUB; EPO; JPO; DERWENT
6	BRS	L6	55	2 not 4	USPAT; US-PGPUB; EPO; JPO; DERWENT
7	BRS	L7	1	6 and (package packaging)	USPAT; US-PGPUB; EPO; JPO; DERWENT
8	BRS	L8	2	6 and 257/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT
9	BRS	L9	1	6 and 438/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT
10	BRS	L10	3	8 9	USPAT; US-PGPUB; EPO; JPO; DERWENT
11	BRS	L11	3	("5258626"   "5346882"   "5721195").PN.	USPAT
12	BRS	L12	2	5912472.URPN.	USPAT
13	BRS	L13	87	5 not 4	USPAT; US-PGPUB; EPO; JPO; DERWENT
14	BRS	L14	24	13 and (transparent glass)	USPAT; US-PGPUB; EPO; JPO; DERWENT
15	BRS	L15	63	13 not 14	USPAT; US-PGPUB; EPO; JPO; DERWENT

	Time Stamp	Comments	Error Definition	Errors
1	2002/04/24 07:51			0
2	2002/04/24 08:07			0
3	2002/04/24 07:57			0
4	2002/04/24 08:39			0
5	2002/04/24 08:37			0
6	2002/04/24 08:08			0
7	2002/04/24 08:08			0
8	2002/04/24 08:09			0
9	2002/04/24 08:09			0
10	2002/04/24 08:09			0
11	2002/04/24 08:10			0
12	2002/04/24 08:11			0
13	2002/04/24 08:13			0
14	2002/04/24 08:28			0
15	2002/04/24 08:29			0

	Type	L #	Hits	Search Text	DBs
16	BRS	L16	1682	((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))	USPAT; US-PGPUB; EPO; JPO; DERWENT
17	BRS	L17	121	16 and (transparent glass) and (package packaging)	USPAT; US-PGPUB; EPO; JPO; DERWENT
18	BRS	L18	120	17 not 13	USPAT; US-PGPUB; EPO; JPO; DERWENT
19	BRS	L19	115	18 not 2	USPAT; US-PGPUB; EPO; JPO; DERWENT
20	BRS	L20	39	19 and adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT
21	BRS	L21	76	19 not 20	USPAT; US-PGPUB; EPO; JPO; DERWENT
22	BRS	L22	47	21 and light	USPAT; US-PGPUB; EPO; JPO; DERWENT
23	BRS	L23	31	5090254.URPN.	USPAT
24	BRS	L24	476	16 and (transparent window)	USPAT; US-PGPUB; EPO; JPO; DERWENT
25	BRS	L25	409	24 not 17	USPAT; US-PGPUB; EPO; JPO; DERWENT
26	BRS	L26	394	25 not 13 not 2	USPAT; US-PGPUB; EPO; JPO; DERWENT
27	BRS	L27	271	26 and light	USPAT; US-PGPUB; EPO; JPO; DERWENT
28	BRS	L28	67	27 and (transparent with light)	USPAT; US-PGPUB; EPO; JPO; DERWENT

	Time Stamp	Comments	Error Definition	Errors
16	2002/04/24 09:36			0
17	2002/04/24 09:34			0
18	2002/04/24 08:40			0
19	2002/04/24 08:41			0
20	2002/04/24 08:42			0
21	2002/04/24 08:55			0
22	2002/04/24 09:39			0
23	2002/04/24 09:21			0
24	2002/04/24 09:37			0
25	2002/04/24 09:38			0
26	2002/04/24 09:38			0
27	2002/04/24 09:39			0
28	2002/04/24 09:40			0

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	285	((monocrystalline crystalline) near1 substrate) and (transparent glass)and (optical near1 (element device module))	USPAT; US-PGPUB; EPO; JPO; DERWENT
2	BRS	L2	53	1 and (microstructure micromechanical microelectronic optoelectronic)	USPAT; US-PGPUB; EPO; JPO; DERWENT
3	BRS	L3	36	("4210923"   "4729623"   "4818056"   "4897711"   "4961053"   "5268635"   "5371352"   "5394490"   "5479426"   "5617036"   "5684902"   "5694048"   "5719979").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT
4	BRS	L8	22	("Re33882"   "4281324"   "4500388"   "4644338"   "4685769"   "4758831"   "4782340"   "4924215").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT
5	BRS	L9	232	1 not 2	USPAT; US-PGPUB; EPO; JPO; DERWENT
6	BRS	L10	58	3 8	USPAT; US-PGPUB; EPO; JPO; DERWENT
7	BRS	L11	232	9 not 10	USPAT; US-PGPUB; EPO; JPO; DERWENT
8	BRS	L12	206	11 and light	USPAT; US-PGPUB; EPO; JPO; DERWENT
9	BRS	L13	0	12 and (csp (chip adj scale adj package)(chip adj sized adj package))	USPAT; US-PGPUB; EPO; JPO; DERWENT
10	BRS	L14	17	12 and (bump ball)	USPAT; US-PGPUB; EPO; JPO; DERWENT
11	BRS	L15	189	12 not 14	USPAT; US-PGPUB; EPO; JPO; DERWENT
12	BRS	L16	32	15 and cavity	USPAT; US-PGPUB; EPO; JPO; DERWENT
13	BRS	L17	157	15 not 16	USPAT; US-PGPUB; EPO; JPO; DERWENT



	Time Stamp	Comments	Error Definition	Errors
1	2002/03/04 10:57			0
2	2002/03/04 09:55			0
3	2002/03/04 10:20			0
4	2002/03/04 10:23			0
5	2002/03/04 10:57			0
6	2002/03/04 10:57			0
7	2002/03/04 10:57			0
8	2002/03/04 10:58			0
9	2002/03/04 11:00			0
10	2002/03/04 12:20			0
11	2002/03/04 12:22			0
12	2002/03/04 12:22			0
13	2002/03/04 12:33			0

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	285	((monocrystalline crystalline) near1 substrate) and (transparent glass)and (optical near1 (element device module))	USPAT; US-PGPUB; EPO; JPO; DERWENT
2	BRS	L2	53	1 and (microstructure micromechanical microelectronic optoelectronic)	USPAT; US-PGPUB; EPO; JPO; DERWENT
3	BRS	L3	36	("4210923"   "4729623"   "4818056"   "4897711"   "4961053"   "5268635"   "5371352"   "5394490"   "5479426"   "5617036"   "5684902"   "5694048"   "5719979").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT
4	BRS	L8	22	("Re33882"   "4281324"   "4500388"   "4644338"   "4685769"   "4758831"   "4782340"   "4924215").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT
5	BRS	L9	232	1 not 2	USPAT; US-PGPUB; EPO; JPO; DERWENT
6	BRS	L10	58	3 8	USPAT; US-PGPUB; EPO; JPO; DERWENT
7	BRS	L11	232	9 not 10	USPAT; US-PGPUB; EPO; JPO; DERWENT
8	BRS	L12	206	11 and light	USPAT; US-PGPUB; EPO; JPO; DERWENT
9	BRS	L13	0	12 and (csp (chip adj scale adj package)(chip adj sized adj package))	USPAT; US-PGPUB; EPO; JPO; DERWENT
10	BRS	L14	17	12 and (bump ball)	USPAT; US-PGPUB; EPO; JPO; DERWENT
11	BRS	L15	189	12 not 14	USPAT; US-PGPUB; EPO; JPO; DERWENT
12	BRS	L16	32	15 and cavity	USPAT; US-PGPUB; EPO; JPO; DERWENT

	Time Stamp	Comments	Error Definition	Errors
1	2002/03/04 10:57			0
2	2002/03/04 09:55			0
3	2002/03/04 10:20			0
4	2002/03/04 10:23			0
5	2002/03/04 10:57			0
6	2002/03/04 10:57			0
7	2002/03/04 10:57			0
8	2002/03/04 10:58			0
9	2002/03/04 11:00			0
10	2002/03/04 12:20			0
11	2002/03/04 12:22			0
12	2002/03/04 12:22			0

	Type	L #	Hits	Search Text	DBs
1	BRS	L3	4	("4377817"   "5227313"   "5455455"   "5818404").PN.	USPAT
2	BRS	L4	1	6168965.URPN.	USPAT
3	BRS	L25	2	("5583373"   "5610431").PN.	USPAT
4	BRS	L26	28	("4548078"   "4680606"   "4744249"   "4744863"   "4764244"   "4853669"   "4855544"   "4861420"   "4874499"   "4904978"   "4996082"   "4996627"   "5013396"   "5075253"   "5101669"   "5165289"   "5207103"   "5233871"   "5233874"   "5264075"   "5295395"   "5296408"   "5318652"   "5323051"   "5324683"   "5326726"   "5335544"   "5343064").PN.	USPAT
5	BRS	L27	7	5610431.URPN.	USPAT
6	BRS	L30	9	("4769344"   "5296408"   "5317922"   "5335550"   "5430421"   "5602385"   "5610431"   "5929728"   "6124145").PN.	USPAT
7	BRS	L31	5	("4699006"   "5198390"   "5492596"   "5610431"   "6044705").PN.	USPAT
8	BRS	L32	0	6242276.URPN.	USPAT
9	BRS	L33	7	5610431.URPN.	USPAT
10	BRS	L36	6	5798557.URPN.	USPAT
11	BRS	L53	49	(crystalline adj substrate) near2 glass	USPAT; US-PGPUB; EPO; JPO; DERWENT

	Time Stamp	Comments	Error Definition	Errors
1	2002/04/25 07:55			0
2	2002/04/25 08:08			0
3	2002/04/25 08:18			0
4	2002/04/25 08:19			0
5	2002/04/25 08:22			0
6	2002/04/25 08:27			0
7	2002/04/25 08:29			0
8	2002/04/25 08:30			0
9	2002/04/25 08:31			0
10	2002/04/25 08:31			0
11	2002/04/25 09:23			0

	Type	Hits	Search Text
60	BRS	115	((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass) and (package packaging)) not (((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure)))

	DBs	Time Stamp	Comments	Error Definition
60	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 08:41		

	Type	Hits	Search Text
61	BRS	39	((((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass) and (package packaging)) not (((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass)))) not (((((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure)))) and adhesive



	DBs	Time Stamp	Comments	Error Definition
61	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 08:42		

	Type	Hits	Search Text
62	BRS	76	((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass) and (package packaging)) not (((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure)))) not (((((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based))

	DBs	Time Stamp	Comments	Error Definition
62	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 08:55		

	Type	Hits	Search Text
63	BRS	47	(((((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass) and (package packaging)) not (((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass)))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure)))) not (((((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based))
64	BRS	31	5090254.URPN.
65	BRS	476	(((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent window)

	DBs	Time Stamp	Comments	Error Definition
63	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 09:39		
64	USPAT	2002/04/24 09:21		
65	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 09:37		

	Type	Hits	Search Text
66	BRS	409	((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent window)) not (((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass) and (package packaging))
67	BRS	394	((((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent window)) not (((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass) and (package packaging))) not (((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based

	DBs	Time Stamp	Comments	Error Definition
66	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 09:38		
67	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 09:38		

	Type	Hits	Search Text
68	BRS	271	((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent window)) not (((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass) and (package packaging))) not (((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based



	DBs	Time Stamp	Comments	Error Definition
68	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 09:39		

	Type	Hits	Search Text
69	BRS	67	(((((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent window)) not (((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass) and (package packaging))) not (((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based
70	BRS	11158	(substrate near1 (silicon\$1 (lithium near niobate) (lithium near tantalate) quart)) and (microstructure micromechanical microelectronic optoelectronic microcircuit (optical near (device element)))
71	BRS	3786	257/431,432,433,434,435.ccls.
72	BRS	93	(((substrate near1 (silicon\$1 (lithium near niobate) (lithium near tantalate) quart)) and (microstructure micromechanical microelectronic optoelectronic microcircuit (optical near (device element)))) and 257/431,432,433,434,435.ccls.

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	BRS	L1	6	"5719979"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 07:46	
2	BRS	L2	28	"4943844"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 07:46	
3	BRS	L3	67	"4633573"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 07:46	
4	BRS	L4	16	"4908086"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 07:46	
5	BRS	L5	116	1 2 3 4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 08:48	
6	BRS	L6	15	5 and (microstructure micromechanical microelectronic optoelectronic)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 09:03	
7	BRS	L7	101	5 not 6	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 08:52	
8	BRS	L8	426	(substrate near2 (silicon (lithium near niobate) (lithium near tantalate) quart)) and transparent and (cavity cavities) and (microstructure micromechanical microelectronic optoelectronic)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:34	
9	BRS	L9	416	8 and <19991212	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:48	
10	BRS	L10	171	9 and (adhesive epoxy)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 09:13	
11	BRS	L11	102	(crystalline near substrate) and (transparent glass) and (cavity cavities) and (microstructure micromechanical microelectronic optoelectronic optical)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 09:51	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
12	BRS	L12	0	(crystalline near substrate) with (transparent glass) with (cavity cavities) and (microstructure micromechanical microelectronic optoelectronic optical)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 09:52	
13	BRS	L13	98	11 and @ad<19991212	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 09:52	
14	BRS	L14	102	11 not 7	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 09:52	
15	BRS	L15	91	13 not 10	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 09:53	
16	BRS	L16	41	(substrate near2 (silicon (lithium near niobate) (lithium near tantalate) quart)) with (cavity cavities) same (microstructure micromechanical microelectronic optoelectronic)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:46	
17	BRS	L17	893	(substrate near2 (silicon (lithium near niobate) (lithium near tantalate) quart)) with (cavity cavities)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:48	
18	BRS	L18	854	17 and @ad<19991212	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:49	
19	BRS	L19	142	18 and (adhesive epoxy)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:50	
20	BRS	L20	122	19 not 10	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:50	
21	BRS	L21	122	20 not 15	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:51	
22	BRS	L22	117	21 not 16	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:51	
23	BRS	L23	117	22 not 11	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:51	

	Type	Hits	Search Text	DBs	Time Stamp
8	BRS	426	((substrate near2 (silicon (lithium near niobate) (lithium near tantalate) quart)) and transparent and (cavity cavities) and (microstructure micromechanical microelectronic optoelectronic))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:34
9	BRS	416	((substrate near2 (silicon (lithium near niobate) (lithium near tantalate) quart)) and transparent and (cavity cavities) and (microstructure micromechanical microelectronic optoelectronic)) and @ad<19991212	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:48
10	BRS	171	((substrate near2 (silicon (lithium near niobate) (lithium near tantalate) quart)) and transparent and (cavity cavities) and (microstructure micromechanical microelectronic optoelectronic)) and @ad<19991212) and (adhesive epoxy)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 09:13
11	BRS	102	((crystalline near substrate) and (transparent glass) and (cavity cavities) and (microstructure micromechanical microelectronic optoelectronic optical))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 09:51
12	BRS	0	((crystalline near substrate) with (transparent glass) with (cavity cavities) and (microstructure micromechanical microelectronic optoelectronic optical))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:58
13	BRS	98	((crystalline near substrate) and (transparent glass) and (cavity cavities) and (microstructure micromechanical microelectronic optoelectronic optical)) and @ad<19991212	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 09:52

	Type	Hits	Search Text	DBs	Time Stamp
14	BRS	102	((crystalline near substrate) and (transparent glass) and (cavity cavities) and (microstructure micromechanical microelectronic optoelectronic optical)) not (("5719979" "4943844" "4633573" "4908086") not (("5719979" "4943844" "4633573" "4908086") and (microstructure micromechanical microelectronic optoelectronic)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 09:52
15	BRS	91	((crystalline near substrate) and (transparent glass) and (cavity cavities) and (microstructure micromechanical microelectronic optoelectronic optical)) and @ad<19991212) not (((substrate near2 (silicon (lithium near niobate) (lithium near tantalate) quart)) and (cavity cavities) and (microstructure micromechanical microelectronic optoelectronic)) and @ad<19991212) and (adhesive epoxy))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 09:53
16	BRS	41	(substrate near2 (silicon (lithium near niobate) (lithium near tantalate) quart)) with (cavity cavities) same (microstructure micromechanical microelectronic optoelectronic)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:46
17	BRS	893	(substrate near2 (silicon (lithium near niobate) (lithium near tantalate) quart)) with (cavity cavities)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:48
18	BRS	854	((substrate near2 (silicon (lithium near niobate) (lithium near tantalate) quart)) with (cavity cavities)) and @ad<19991212	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:49

	Type	Hits	Search Text	DBs	Time Stamp
19	BRS	142	((substrate near2 (silicon (lithium near niobate) (lithium near tantalate) quart)) with (cavity cavities)) and @ad<19991212) and (adhesive epoxy)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:50
20	BRS	122	((((substrate near2 (silicon (lithium near niobate) (lithium near tantalate) quart)) with (cavity cavities)) and @ad<19991212) and (adhesive epoxy)) not (((substrate near2 (silicon (lithium near niobate) (lithium near tantalate) quart)) and transparent and (cavity cavities) and (microstructure micromechanical microelectronic optoelectronic)) and @ad<19991212) and (adhesive epoxy))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:50



Type	Hits	Search Text	DBs	Time Stamp
22 BRS	117	<p>(((substrate near2 (silicon (lithium near niobate) (lithium near tantalate) quart)) with (cavity cavities)) and @ad&lt;19991212) and (adhesive epoxy)) not (((substrate near2 (silicon (lithium near niobate) (lithium near tantalate) quart)) and transparent and (cavity cavities) and (microstructure microelectronic optoelectronic)) and @ad&lt;19991212) and (adhesive epoxy))) not (((crystalline near substrate) and (transparent glass) and (cavity cavities) and (microstructure microelectronic optoelectronic)) and @ad&lt;19991212) not (((substrate near2 (silicon (lithium near niobate) (lithium near tantalate) quart)) and transparent and (cavity cavities) and (microstructure microelectronic optoelectronic)) and @ad&lt;19991212) and (adhesive epoxy))) not (((substrate near2 (silicon (lithium near niobate) (lithium near tantalate) quart)) with (cavity cavities) same (microstructure microelectronic optoelectronic))</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2001/10/05 10:51



	Type	Hits	Search Text
39	BRS	35335	crystalline near4 structure) (crystalline near4 substrate
40	BRS	1365	257/431, 432,433,434,435.ccls.
41	BRS	54	(crystalline near4 structure) (crystalline near4 substrate) and (257/431, 432,433,434,435.ccls.)
42	BRS	88	((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))
43	BRS	88	((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))
44	BRS	0	((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) same (transparent glass)
45	BRS	33	((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass)
46	BRS	120	((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))

	DBs	Time Stamp	Comments	Error Definition
39	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/23 15:57		
40	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/23 15:58		
41	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 07:46		
42	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 07:51		
43	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 08:07		
44	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 07:57		
45	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 08:39		
46	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 08:37		

	Type	Hits	Search Text
47	BRS	55	((((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass))
48	BRS	1	(((((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass))) and (package packaging)
49	BRS	2	(((((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass))) and 257/\$.ccls.

	DBs	Time Stamp	Comments	Error Definition
47	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 08:08		
48	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 08:08		
49	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 08:09		

	Type	Hits	Search Text
50	BRS	1	(((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass))) and 438/\$.ccls.
51	BRS	3	(((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass))) and 257/\$.ccls.) (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass))) and 438/\$.ccls.)
52	BRS	3	("5258626"   "5346882"   "5721195").PN.
53	BRS	2	5912472.URPN.

	DBs	Time Stamp	Comments	Error Definition
50	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 08:09		
51	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 08:09		
52	USPAT	2002/04/24 08:10		
53	USPAT	2002/04/24 08:11		

	Type	Hits	Search Text
54	BRS	87	((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass))
55	BRS	24	((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass))) and (transparent glass)

	DBs	Time Stamp	Comments	Error Definition
54	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 08:13		
55	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 08:28		



	Type	Hits	Search Text
56	BRS	63	((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass))) not (((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass))) and (transparent glass))
57	BRS	1682	((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))
58	BRS	121	(((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass) and (package packaging)

	DBs	Time Stamp	Comments	Error Definition
56	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 08:29		
57	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 09:36		
58	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 09:34		

	Type	Hits	Search Text
59	BRS	120	((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) and (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass) and (package packaging)) not ((((crystalline near3 structure) (crystalline near3 substrate) (crystalline near3 based)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) not (((crystalline near1 structure) (crystalline near1 substrate) (crystalline near1 based near device)) with (microstructure (micromechanical adj structure) (microelectronic adj structure) (optoelectronic adj structure))) and (transparent glass)))

	DBs	Time Stamp	Comments	Error Definition
59	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/04/24 08:40		